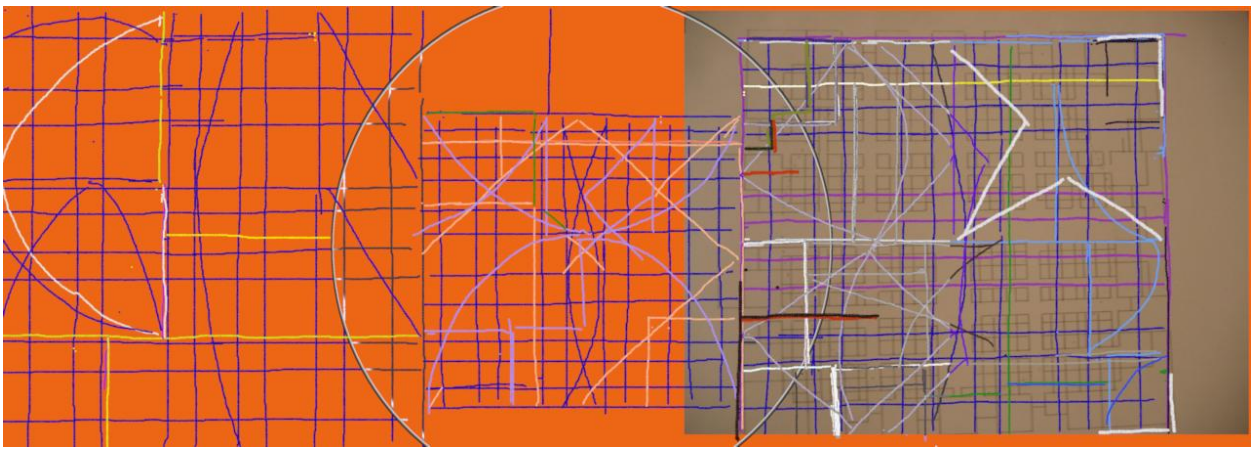
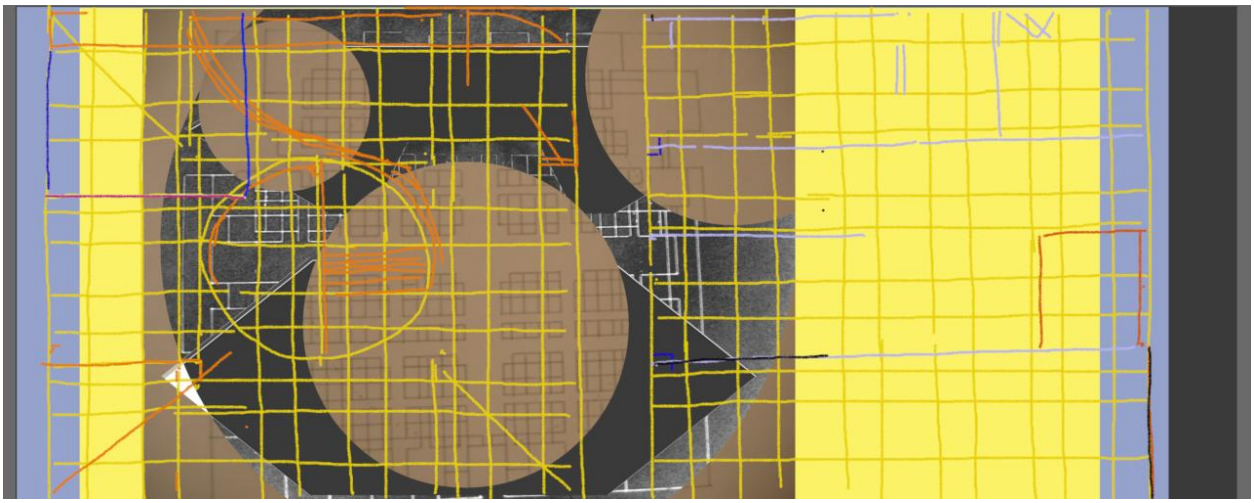
Canonical Art Paradise : Categorical and Conceptual Spectra of Points





Edwin VanGorder

Ultrared-InfraViolet Suspension Bridge over Space Time and Spin

Preliminary notes on the Spectra of Points through Art and Language to Conceptual and Physical Emergent and Categorical Moods and Modes...

This series of books relate art and physics to a thinking process beginning in art and language and which carries through mathematics and Categorical analysis the comparisons one can make between Conceptual art relating to the social contract and physics' to the Standard Model in that the emergent reality is one in which we must learn the art of asking questions. Drawing then becomes part of this aspect of drawing ones self out into the potentials of understanding the degrees of freedom which are nets and screens to an emergent whole.

Formally this is the relation of higher dimensions to four dimensional gravity and variety of mathematics developing graing aspects , in particular the Model of the Langlands Project, and the relation also of the Higgs to the transpose of Vacua as energy levels and the studies formally structuring this in String theory as well as Neurological Networks...

The First of the Series regarding Monstrous Moonshine studies the embedding of pi and the golden section within the physics particles as relating them also to the primes... a golden section grid is used and it coincides with a quanta or .0156 which also that of the Planck, therefore it is a system linking the Macro and Micro dimensions... in the following two books, From the Zen of Ingres to the Nets of Physics, and Gravity Wells and Quantum Peers of Time, I enter through a series of hypotheses and questions upon the general mode of Category Theory which in general is a mathematical mode of thinking about thinking and in conflux and congruence with I am

finding in drawing the resonance of art to the stringiness of dimensions.

For example a dot, point has a resonance towards a variety of meanings, cusps, (diabolical points) , saddles, Exceptional point (merging's of the measure and motion), affine points to plane(take off point of a plane)... which I like to consider as compacted within each other as the potential energy behind string theory mode...(they have a resilience to the encounter with a singularity...)...

Randomness as irreducible:

Action oriented to mechanistic perception critique models variant of Category Theory of which the relation of true randomness to mere chaos is the intellectual equivalent of conceptualizing zero… what is randomness divided by chaos seen by an ordering imperative glimpsing cobordism merging of opposition to duality interrupted by Hyper computation potentials…with hyper computation relation to true randomness concatenation potentials as rules form such branching emergent duals as grained

oppositions ?Categorically and neuro network relax able to a duality fronting memory in time and action are such the possibility of being exceptional in some and what sense?) observables themselves not observed observe limits like Schoedinger's Cat: either chaos or Random each of which would regard the other as without rule if we look at it mechanistically.

is the irreducible interference of measuring and the irreducible randomness of quanta a case of infinite entanglement so to speak also in the context of a wave function over many positions also potentially infinite...(what is the name for an infinite sided Polytope and how would this relate as enclosed in circle... do cobordisms in these matters carry their evolution as an ongoing

process in their suspension or surger modes as overtones or tidal morphisms?

Notes on 137

If for example two as unique prime and also unique even is moving in two different directions, this might address Dirac's comment that he did not understand spinors... similarly an apeirogon or infinite sided polytope would be pairing sides as symmetries and if this were enclosed in a circle the circle would seem to be "faster" one might say the apeirotope symbolizes the irreducible entanglement of measure reflecting deterministic chaos vs. the irreducible quantum randomness. In

which chaos emerges via probability as entangled in the evolutionary phases of its discrimination brought to bear upon the quantum which as measured then decoheres or scatters into this environment or theatre of measurement where the apeirotope symbolizes those theaters of symmetry and the circle broadly symbolizes quantum effect and also the infinite entanglement of the wave function with all contributing sources as also infinite... Returning then to the two directions of two it seems to me a case can be made to reflectively view the Fine Constant 137 to metric and .0073 in reciprocal... the number belongs to the series of ten fold sums characteristic of golden section

harmonics ie .019, .028, .037 etc derived from the relation of the reciprocals of the square roots of ten and of 11 added as equaling .618 and ratios divided as 1.1 give a symmetry skeleton recognized to .81 which in reciprocal gives the ordinal tract of 1.234567... considering 7 as a cut off point reflecting of the remainder three from the standpoint of originality, that of symmetry the number two is categorically symmetrical so to speak relating prime to even then in the unique case establishing one, as that momentum providing three and zero the rotation space... .0073 if seen in a spectrum of .073,.73,.703, .7003 has as complement of .7003 .2997 or the speed of light, and zeros on side vs zeros in

center show a distribution of objects from their space to their space centered as a kind of object or vacuum alternative as in artists “negative space” and a ‘confinement” mode… Schoedinger observed that phase changes created a morphological character which they carry with them…thus the interference or noise has specific morphology while relating the infinite entanglement of a wave with its null horizon… any point on a circle is its center yet the morphology of points which can be established to the appeirotope as a generator of symmetries resulting then in saddleback, diabolical or EP or affine make the points own spectra the sign of

a Casimir like funnel of these forms as self enclosed sheaf... how do the potential states of higher dimensions in proposing their randomness leave signature on the flattened world sheet which one can discriminate from their entire infinite momentum as having left in fact some clues of those events which occur in their mode free of our otherwise deterministic vision ie structuring determinatives... and would that division at seven fold leaving three on number line find a four square central rotation leaving four centered of which the diagonals reading the square root of two times four the square root of 8 would in diamond formation read a centering on the number line where the

square root of two interpreted 707 in the complex prime counter clock wise direction relative rightward .708 version of square root of two (times .236 as that number third turn of spiral) and in relation to the field of .0156 covering the goldens section transferrable as 'Unknown Hermitian irrational thus real then place the Rieman Hypothesis as a reading into symmetry of a variance reading chaos and randomness as entangled cobordism motivating and motivated by others?

Fated Necessity Continued Dialectically as Environmental Discourse within the objects and conditions of experience:

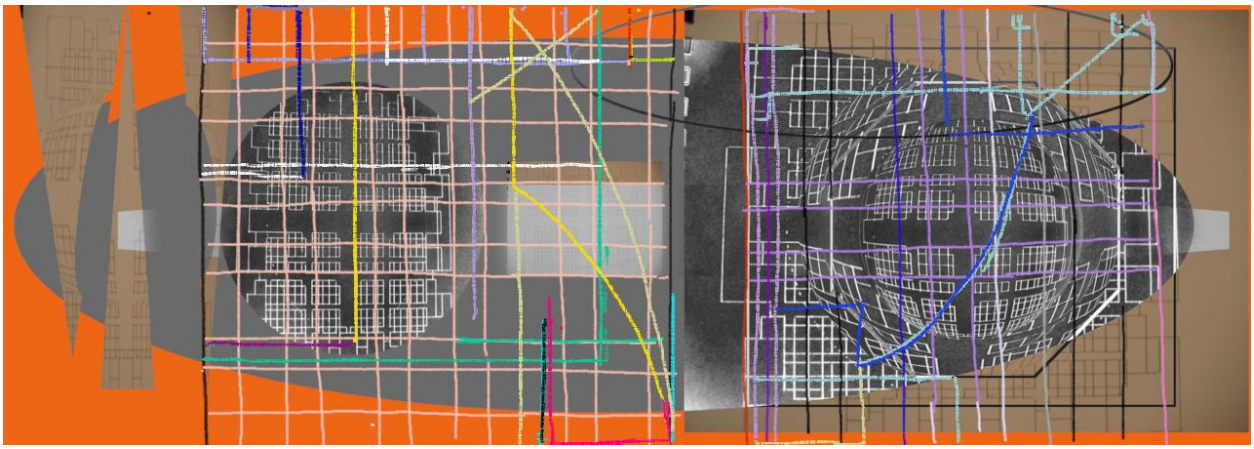
Hyper Arrays -Hosting the Entanglement: that , essentially flux conditions and elements observe own constraints where phase evolution is a flux conflux manifold:

For example how doe AI teach itself? Since all quantum events between the mechanistic spectrum characterized as chaos and probability to then then probability extended as phase evolution measure over as an irreducible interference over the irreducible randomness spectrum of quantum field as opposed to quantum mechanical ie entering subatomic space and charge which for example may find color charge measured by electromagnetism

as a cobordism and mechanistic example also of the conditions of the experience of forces , quantum numbers, which observe their own limits and find constraints to measure not just in the human domain but also in medium, collisions (as in Einsteins origins towards establishing the existence of the atom) magnetic interaction, even not interactions, color charge, symmetry breaking and field overlaps (collisions of a kind) and so forth all of which leave a "trace"... so considering this trace element can not information be tagged as sent into AI in order to study how it is treated according to Ai recognition of constraints as its observation process,

basically I thing a complex mode of alignments like a hyper graph...Grokk for example especially is attracted to Heraclitus's " fated necessity" along with the word "alignment...

In the drawing I play with the trace element of electromagnetism as measuring trace by referencing the measures of glueballs ie gluon groups which have harmonic measures for example a representative of the lattice group 5 has measure to metric of 2.56 where this in reciprocal is .39 and doubled approx. .788 square root of .618...



365d3

Can You Hear the Shape?/: PI in the Key of E

If a black hole is absent a nucleus (save singularity) but present a horizon does it become a kind of s symmetry object as though dimensionless and relating to the confinement of quantum energy to objects which as particles etc are themselves stages of interference, measures take so to speak as objects observe their own limits while collisions, fields, symmetry breaking, forces again create measures which relate the irreducible entanglement of these collapses with also the irreducible quantom randomness... with paradoxes like measuring the mass of a glueball per electromagnetism effect... somewhere in all this lurks the currently

unknown language by which white holes enter the equation…

So the null horizon on this would essentially frame as a primary duality the relation Categorically and Physically of the irreducible entanglement of measurement including the self measure of observables upon their own limits and then dual this the irreducible quantum Randomness (as opposed to the chaos regime which belongs to the mechanics of measurement)…

So one might say in Categorical terms of admitting strong oppositions as duals the Einstein local realism (requiring a non- local adjustment at wave collapse) and the Born subjectivity recognizing

measure as the environment taking over as a parameter at the collapse with necessarily the extended clause we have noted that reality of the observable observes its own constraints in the sense that collisions, symmetry collapses as in the canonical Higgs vacuum transpose over functions, forces such as color charge and electromagnetism, non events, medium etc are all measurement and collapse creating the evolutionary phase in a trace mode even in the entanglement as precisely those potentials analogical to orbital angular momentum. Thus in this dual, complex , with indeed real and subjective parts so to speak at the moment of collapse the dual acts as a

mirror and the wave spilling into its environment as a now a parameter simultaneously reviews it entanglement hyper-position as an environment and thus they would in mode meet the slit screen... over this I propose the relation of a circle to an Apeirogon in which the circle has constant Pi and Apeirogon E as then the analog of real and subjective moods as we have described. The moment of mirroring on duals becomes for me the Categorical Point which one might approach to begin with as being a Hyper Casimer like convolvement of say a superposition of Exceptional Points, Diabolical, Affine, verbal ontic, mathematical null horizon, Saddle, and

then a sense of the point of contact between duals....

In relation to this I find that the circle and apeirogon model the Big Bounce Theory, which is not my favorite, but seems more plausible along these terms by which I model in a square gnomon like areas then shifted to corner where compared to a circle in square per an adjoining panel can transfer from center of square the tangents, which repeatedly halved become the analog of a Ricci curve flux and in this mode are like the growth factors of the apeirogon in superposition....

If then we say we can create different tangents as eigenvalues the successive

eigenstates mapped on the now exotic apeirogon could collectively model variations in the speed of expansion measured by the difference between the apeirogon and circle.

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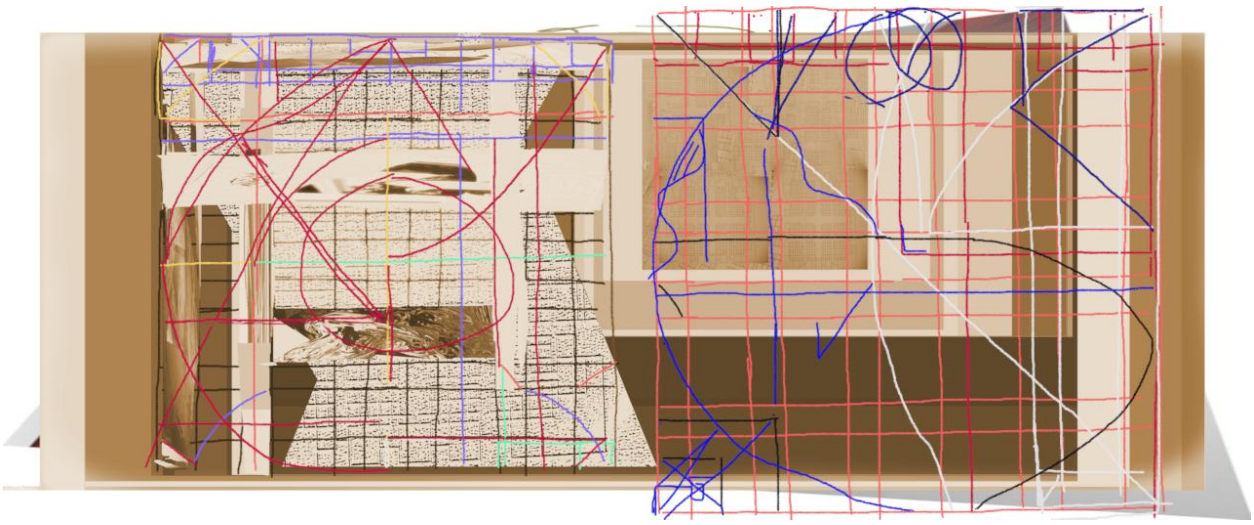


365e8

Entropy As the Shortening of the Flux Wavelength : chaos/randomness as

Categorical Duality Primal High Degree Root of the:

Star Like Spanning Trees on Celestial Sphere UV - Exotic to Red Letter Days of Null Horizons.

Summary: we find the Penrose null horizon paradigm re-imagined to the shortening of the flux wave become in the Chao/Randomness equation the Dual Dualities and Nature of Nature as the Mean of the Meaning of Meaning.

Euler' Basel solution as it essentially correlates the amplitude of the unit square and circle marking with 4 pi an intercept on diagonal as seven and six pi which has a broad tangential relation

possible to the square root of 2 times seven as 8 and it is interesting to relate then the original approximation as 1.6449 which is close to1.65 w. .65 unity plus .5393 where this is unity plus three times the golden section module...then considering another case, namely the reciprocals of the nine primitive roots added as 3.29945 then .303 and this doubled .606 which equals 1.65 in reciprocal... the solution Eulers looked for is described as being the equivalent of amplitudes on the number line as apparent brightness of an infinite light source demonstrating towards that null horizon... the .606 and .303 numbers relate to pi in square as .101 at reciprocal, times seven then the square

root of two and times six unity plus that number also unity plus three times the golden section module... In the back of my mind then broadly considering a Riemannian tensor network relative a circle via a projection comparing the circle to an apeirogon , features projected as tangent transported to the Apeirogon count could relate a kind of DeMorgan doubling casting approach to circle asymptotically towards the affine point as rather like a Ricci flux...The underlying relation of the conditions of experience necessitate relating the world of duals such as we meet in Langlands to also in this case that of the irreducible entanglement of measure of observables as well as their own self

measure as phenomenon towards collapse of the wave function in relation then of that determinism order subtended by chaos to the dual which is the irreducible quantum Randomness... Over these preliminaries then I note this is a pre study I make on the page before me on Celestial Holography by Sabrina Pasterski who promises on this the opening page to relate the gravitational s matrix and relation to the normalization structure of 4 d spaceting to reinvolving Eigenstate boost (and so this relation then of the boost to the unitary state has the overtones of the contributions by Euler we noted)...my broad speculation and Einsatz at this early junction is an interest in a

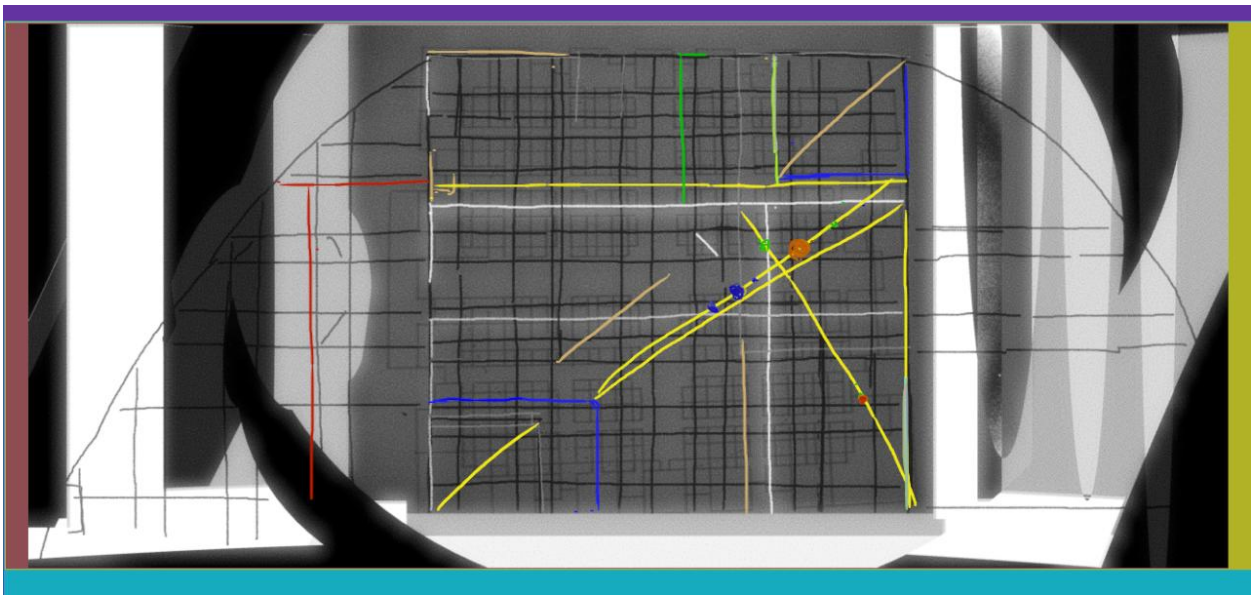
spanning tree as the function in categorical terms to come of the form of graph called a star like tree... I believe the edges find the “high degree root “ as a form which can stand as a kind of spectral point or point of inflection on various ways of thinking of a point while the graph point collected points can be scaled inversely asymptotic so to speak and in this way cast a kind of net of reflection on the deemed process...?

strange that at collapse of wave reading environment it may read it random state at that moment through entanglements created by shocks of the random meeting previous phenomena as also

measures and collapse with some trace of chaos then on randomness readable at measures possibly including the Weinberg angle interaction in particular as .231 time seven is 1.618 and the base system is amenable to the levels of transition as also 264 Higgs divided 91.2 z is 2.8944 where .8944 times 2 is 1.788 and .788 is root of golden section thus the interlock where .618 relation to unity acts like a bitt on multiple levels

Find the Penrose paradigm with null horizon repository re-imagined as the shortening of a flux wave... relating the primary equation of Randomness/Flux between the transposing modes of each which present a duality of dualities as

the nature of nature towards the meaning of meaning as the mean....



365f4

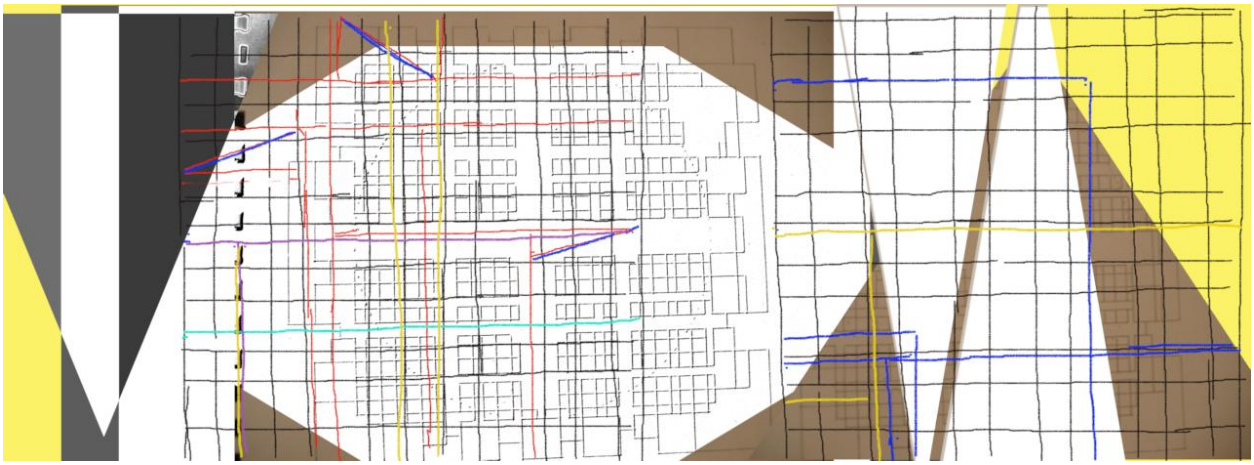
Brise Soleil

The stretching out of our near universe as flattening out disc like or asymptotically locally and the same phenomenon of the global universe link to a normalization scheme in which the mechanical quantum to General Renormalization in relation to the Null Horizon give the latter a normalization in terms relating more broadly to quantum gravity or degrees of freedom differing from the mechanical entropy but instead a dimensional compression and decompression characteristic of massless objects like Gravity waves or concentrated photons...and the idea of

relating then the string and AdsCFT Langlands bridge over strong and weak categories give categorical scope to the fundamental relation of Random/Chaos equation between and describing the duals of 4dimensional relativistic probability as compared to the shortening of the Quantum Random self generated flux cycle as it approaches the various collapses of either human measure or the self-measure of phenomena as phasing within that flux cycle accordingly.

In the drawing the screen like forms I name Brise Soleil are interceptors, relating mathematical proportions as generated by their brightness on the

number line per Euler’s Basel Problem “amplitudes… on the right panel these become reconsidered in embedded forms and then reprojected as mirrors on this Categorical process presented in brevity.



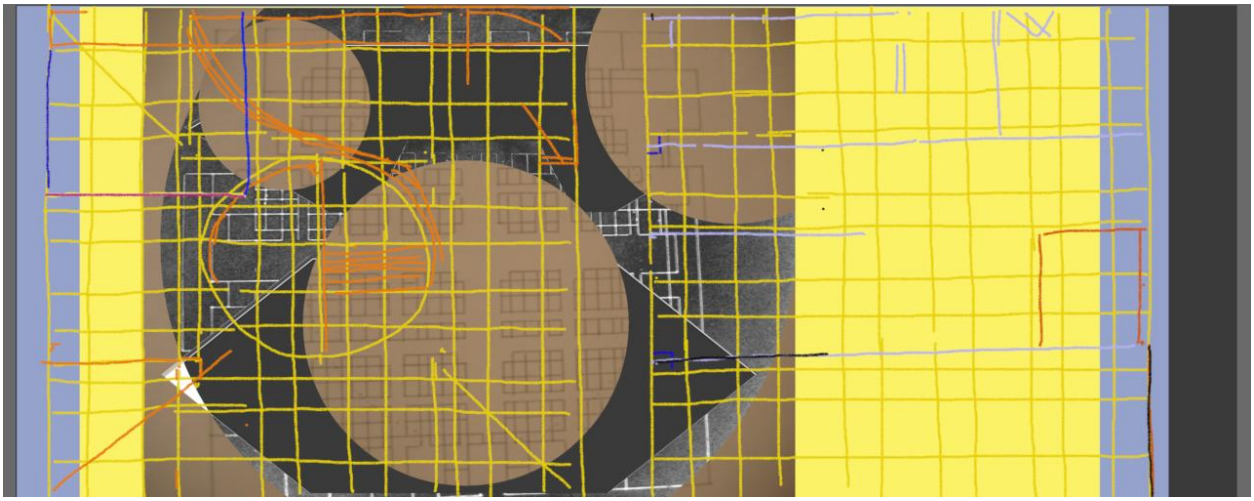
365g3

Translator of the Oracle of the Infinity Collider & Dual Asymptotic Horizons

Taking as corollary of the primary principle Chaos/Randomness as expressing in that equation Deterministic probability in the theatres of phenomena which as measure state collapses on the quantum flux as opposed to it's own intrinsic irreducible randomness as then entangled with determinism... that other consideration of the asymptotic mode of our local universe to then the asymptote of the null horizon, the last as a measure on the first regarding compression and decompression of entropy is termed the soft principle of low mass particles

which in their low mass having that complete span are at scattering providing the inverse of the relation in which the quantum wave collapsing at that moment also reads its own confinement in terms of weaker and stronger forces at that point become non linear , whereas in our soft model, instead.. the scattering if provided a “translator” has carried the full description of lossy voyage global to local and reads then to it’s amplitude… the translator I use is in relation to my golden section Hermetic grid which is structured to those derivative into the cycle which structure the surface with an initial division of twice the square root of five (parent of golden section)

with area .1056 between... this area relates to .0156 the simplified plank as divisible approx. 7 and the entire surface by 64 which is the 8fold which in reciprocal is .0156 and the translator I use then is in the reciprocal mode of the Lorentz transform as I then divide the reciprocal of pi by the reciprocal of C speed of light, which gives 1.056 or ten times .1056 and slight offset in .0156 times seven is justified in a suspension mode by the equivalence across the surface...



365h3

Point Light Source Spectrum of the Divisibility Net From the Illumination Problem and Enantiomorphic Mirrors.

Markovian non divisibility in quantum no clone has resonance to Bohms failed pilot wave but of which the "Rhea Mode" or review structure recomposed to noise "auto correction" has its own Categorical recomposition where to be patent one must relate dynamically the Shchroedinger and Heisenberg cobordism... reaching and arcing over this: Comparing Penroses Illumination Problem Solution to Smithson's Enantiomorphic Mirrors...with the former possibly leaning on the idea of Duchamps To Be Seen Through One Eye

For Nearly an Hour (ie a view through a Pascals pyramid over the illumination potential of the number line constrained by an arc radius...could we continue the analogy over the sof t theurum extension to null horizon and correspondingly wonder if the string dimension is likewise extended the radius upon the flux tube would have dark regions of sorts?...

of Beyes theorem as well...the Categorical emendment would be towards that probability of thesis on new evidence so also the warrant on the evolving mode of evaluation to make complete the underlying canonical paradigm of the conditions of

experience also the conditions of its objects…

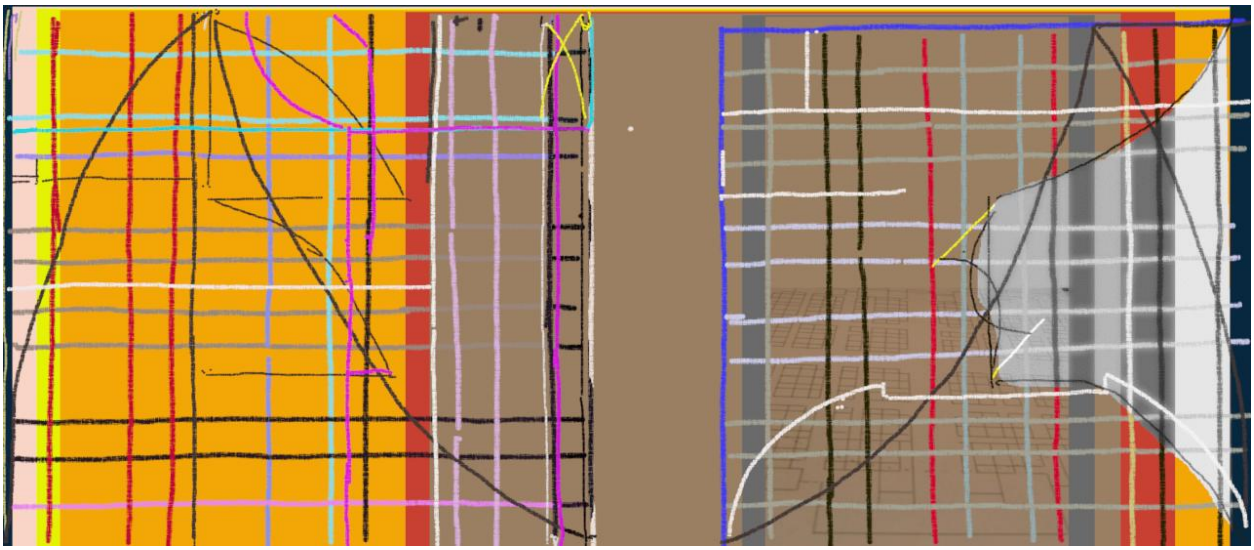
The drawing takes the approach of viewing the harmonic golden sections series .0073,.073,.73,.703 and.7003 as the equivalent of the form per Davinci's "Parabolic Compass" in which that term is highly categorical because in fact the parabola is defined as two internalize hyperbolic forms the compass over the creation of Parabola via the compression of the implicit butterfly structure of the hyperbola…This is likewise similar to reviewing the Bayes theorem to also including a warrant on the viewing platform as well as its objects of discrimination. Reviewing the

number line as generating amplitudes or a Categorical Illumination over the spectral constituents as in Eulers Basel analytic the formal means in physics by which parabolic structure reflects light is part of the ordering of Penrose's "Illumination Problem" ie structuring point of light environment in which part of the environment cannot receive light due to a billiards like effect, and this cancellation has resonance as well to Smithson's Enantiomorphic Mirrors. As you can see the number series turns inside out so to speak and the last term .7003 has as complement .2997 which is the speed of light, so this complementary form as resonant to a light directive capacitator per

complementary status is additional inspiration... Turning then to the modes of considering light relative a null horizon...(infinite – corresponding then to hyper real mathematics as opposed to surreal mathematics) which as complements are a Categorical Dual by suspension bridge so to speak over then the primary equation of Chaos/Randomness...infinite and finite.. the "soft" particles, ie massless which are mathematically placed in this thought experiment super collider allow noise optimization to measure in the measure over that process the degrees of involements which phenomena as measure have scarred the process as the flux wave shortens towards collapse on

the return at length measure on the human end... the string dimension consideration can translate of bulges, throats or the higher dimension spontaneous symmetry collapses which inform as though through the internalized Davinci Hyperbolic to parabolic definition a sense of the hyperbolic as an exotic dimension, or extra-space interplay and this then for our purposes we can relate as dark regions so to speak as a hyperbolic expression over the principles of the Ultra Violet and Infra Red Parameters...ie upper and lower bounds, weak, strong, Ads/CFt, Langlands Spectral-Automorphic... etc...

Per se I would say the angle warp is essentially a shadow of a Clifford Attractor....



365i3

Vortex of Vertices Spectrum of Randomness/Chaos Through the Illuminated Number-line:

Shades of the manuscripts and shadows of Deconstruction Categorical Returns are on the dragon diagonal...Nature loves to hide information in the bit like structure of the golden section...after reviewing how some of that unfolds we can build also a hypothesis that the breakdown which occurs when the Chaos/Randomness model of the Schoedinger then cobordism to Heisenberg per the meeting of the shortening of the quantum flux wave meeting the 4 dimensional progress

towards the Planck level at which their irreconcilable differences might have a kind of marriage counselor EP if one could agree that the chain reaction mode in the chaos Schoedinger 4d realm has a corollary in the non linear chain reaction of the quantum...

The 1.27 to metric of graviton certainly is golden section like since the reciprocal of that number is the square root of the golden section and we have seen the Weinberg angle times seven is golden section while also the square root then of .788 the reciprocal of the graviton is .88 and this as 1.126126126 has of .126 squared .0156 or the Planck which divides evenly a golden section

harmonic grid. The reciprocal of pi divided by the reciprocal of C will be 1.056 or ten times .1056 the space between the square root of five twice applied in a square and which relates to .o156 via .01 and .10 each added .0056 where .56 is 1.7854 and .7854 times four is pi... obviously something in the physics really likes to store information in the bit like structure of the golden section... the tracts also relate to .0073 .073.73 .703, .7003 where .2997 is complement to .7003 and .73will be 1.46 where considering the square root of 2 times four is the square root of 8 that 2.828 echoed in 2.718282828 which also references .1818 as complement of .8172 which relates to 2.718 in the figure and

.8172 as 1.2236 double is 2.4472 or square root of six thus scheme of E so considering this odd mix of linear and non linear resonance I wonder if the compression which occurs on the quantum wave length and the compression of 4d space to meet it are forms of Eps in some way generally but more specifically the idea possibly pertains to entanglement structure and quantum flux that while the smoothness of 4d is a kind of chain reaction so also in a now Categorical cobordism could we devise a non linear chain reaction in the quantum so to speak, which can link to this opposite if we put aside our initial hesitance to think that way?

Group 1

The drawing the group of constants represented by C the speed of light as .2997 and this times three is .899 or in reciprocal 1.112 where .112 is the reciprocal of the dielectric and that as 1.927 if doubled is 2.854 where 1.854 is three times the golden section and 2.854 in reciprocal is .35 complement of .606 as three times the reciprocal of pi and also unity plus .5393 which in reciprocal is three times the golden section module.. weak theta or the Weinberg angle is times seven 1.618 the golden section, the gravitational constant at .149 to its metric is the the negative 4 .788 which is the square root of the golden sections…the cosmological constant in reciprocal to metric is .482 and this to the

third power is 1.118 and doubled the square root of five the parent form of the golden sections.. the Compton scattering at .0248 to metric is the is the fourth turn of the golden section as marked from .4472 the reciprocal of the square root of five and examining some of these ratios in relation to each other then a first consideration is the sum of these as 1.81 where then .81 = 1.2345679 and relates closely to .809 the reciprocal of the square root of five and the slight difference between these two I map to the slight difference between .708 and .707 as two versions of the square root of two which prepare a complex ambit… A next consideration after placing these indexes in relation into a particular group of 8 golden section neigborhoods and their relation to

the reciprocal of pi divided by the reciprocal of the speed of light as 1.056 or ten times .1056 where .1056 is gap between square root of five twice applied in square and three times .1056 is the reciprocal of pi and the reciprocal of the square root of the golden section twelve times .1056 or four times the reciprocal of pi then give deterministic /chaotic side of the Chao/Randomness equation towards which

(Group 2}then the random is given a pseudo representation via the following equation consisting of 1.056 times various of those field representations times weak theta all divided by 11.056 and multiplied by the field representation divided by two and multiplied by the fine constant divided by e….

And Group 3 is from random numbers generated by a quantum computer

223643

73839

6473

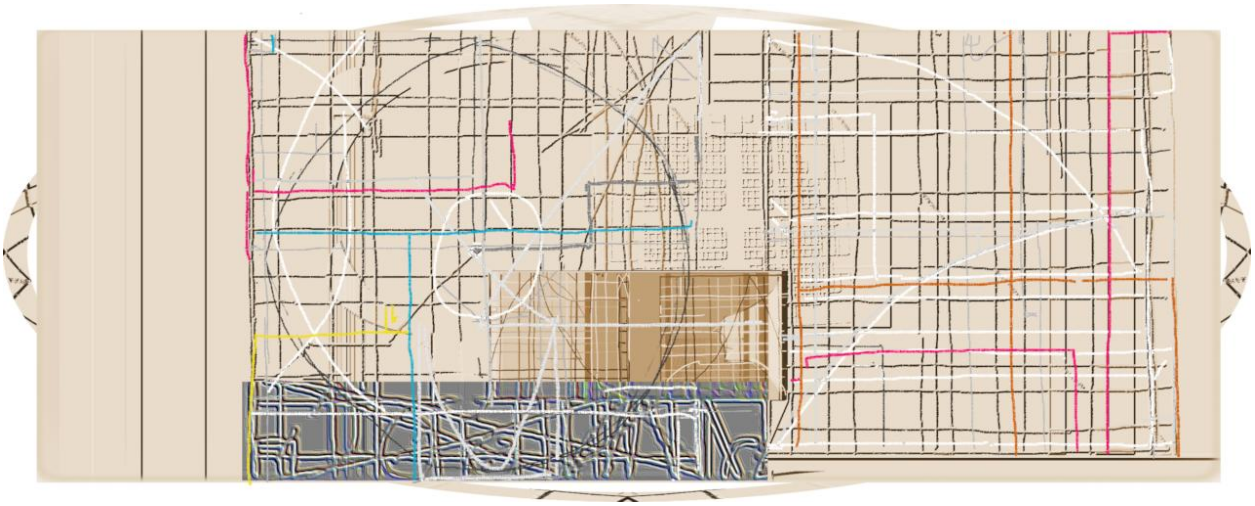
1473

1578

4613

As “found objects”

Become altered found objects as I present them then 2.236,7.382,64/73=7397 to negative three = .927, 1.472, 1.578 and .4613 to neg 7 =.988 and .7383 =1.35thus altering the random numbers in harmonic neighborhoods…which neverthe less have a kind of trace of their truly random origins…



365L3I

Exceptional Point Mapping of Quantum Interval Between Pre and Post Measure

Nature loves to use the goldens section relation to unity in log form as a way to store information in this bit like context... In this drawing the reading in goldens section terms of randomly generated numbers from a quantum computer are an interesting way to look at what happens in the moments of human or phenomenal measure at the collapse of the quantum wave and its double view between past -present and future- present...as the presencing... Fermat's point interests me in this regard as presenting the equilateral

triangle from a base as relating diagonal and edge as an EP...Exceptional point...

If nano technology meta surfaces at such distances separated by less than a wave length perceive this as unified, does this compare with the quantum wave length at collapse reading both the space it is introduced to as phenomena and also simultaneously reading its own flux tube at that moment simultaneously in these two instances then also compare with the hyperon and its relation of strange particles to quick disintegration : and over these then would the structure of

Fermats point via the relation of a base and a hypotenuse in the equilateral format as essentially framing an exceptional point context be useful in the mapping of these tight structural possibly meromorphic stages in their tight intervals?

Symbolic Random Graph as Space Between 2 Grids Representing Pre and Post Measure...Considering

https://arxiv.org/pdf/2004.08210

A Class of Models with the

Potential to Represent

Fundamental Physics

Considering this representation of the possible ways of thinking a hyper graph over the chaos regime of mechanistic projection on the chaos/Randomness equation my interest in this drawing is to represent also the randomness quotient space so to speak in Categorical terms as the space between two gridded areas as each units per grid representation and the space then the post measure... that is relating the Rabbi function to the Fermat EP point... what happens to the photons in the slit wave experiment after they have been measured ie when does "after" begin?

I began with two drawings, one finished and the other in progress as the set up

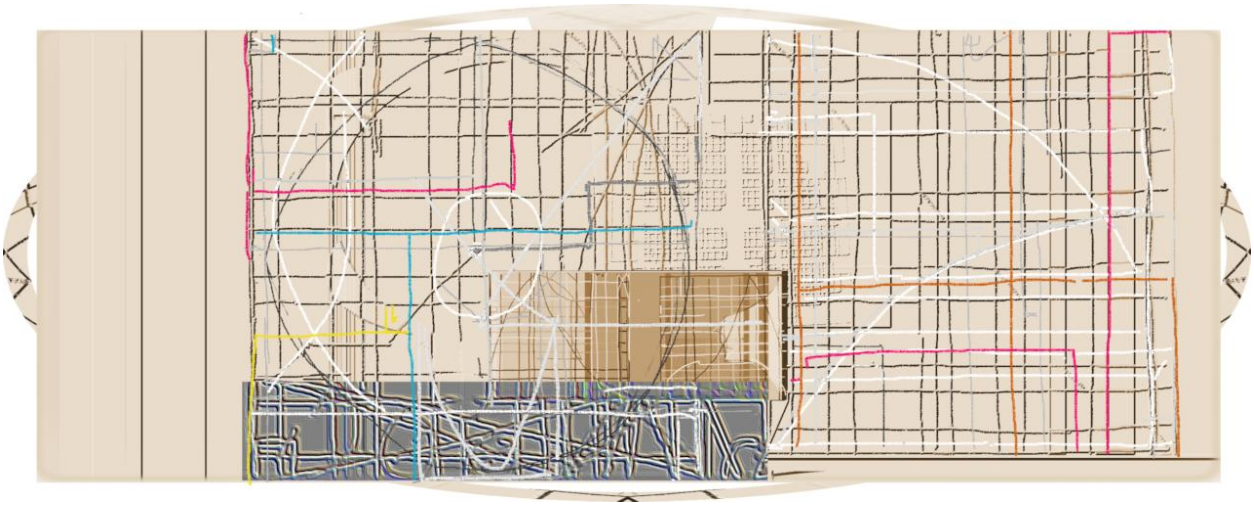
of the drawings thought experiment as it were... the first drawing has a blurred component which is actually an inclusion of a previous drawing in reduced format and centrally located to bottom register... bringing up the relation of a pre-measure and one in process ... the unfinished drawing while reflecting on the finished also has an interval between two grids representing post measure, the return to a modified state... ... and I have marked out one particular representation which is the ratio 1.056 which is the same as the reciprocal of pi divided by the reciprocal of the speed of light and the formal means is to take the smallest unit on the grid which corresponds to the ratio

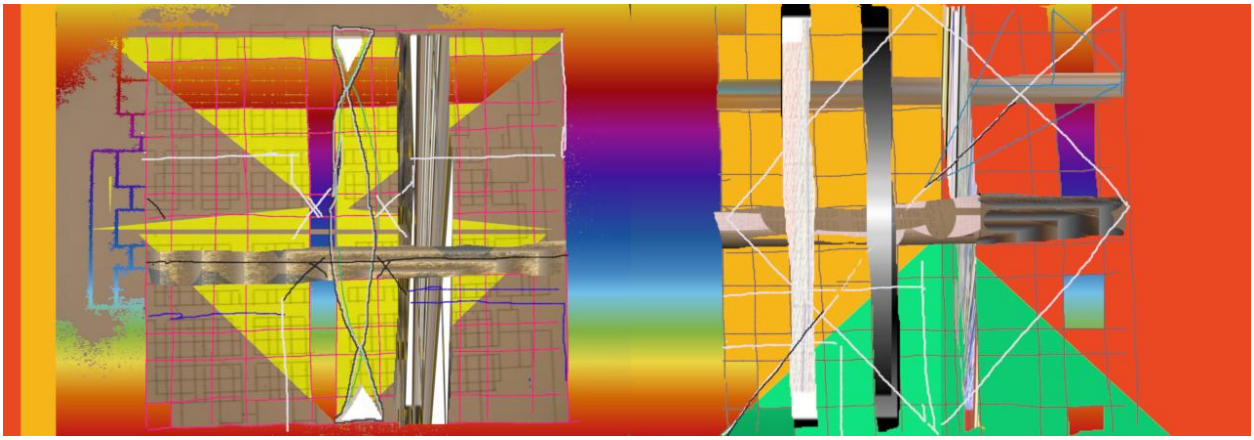
..0652 which is the fourth turn of the spiral from .4472 the parent of the golden section (the grid then gives a dual representation of sources .618 and .4472 and this dual space having categorical significance) ... .2997 extends to meet .3168 where .3168 is the value of .0652 extended by its diagonal towards .2997 and their meeting will give the ratio 1.056 in reciprocal and the four fold pattern of this extension marks the ratio in relation to the event of a diamond turn of any centrally place square finding in that intercept the equivalent of cutting the large diagonal representing the square root of two as the hypotenuse now divided in four and representing the square root of two

times two as the square root of 8... that is there is a space constructed in those four squares that are separated by a distance from the foursquare meeting of the quadrants... and these symmetries then relate to a DeMorgan like division of quadrants potentially as well as bundles from corners which may be offset proportion ie asymmetrically poised on corners representing both independent functions and inequalities...while gnomon corners may meet central squares directly or have space between and the relation of log to bilateral symmetry as may compose into all bit like unitary division such as occur to divisions creating multiples are then as the group I describe phase

parameters of symmetry in a preliminary categorical notion. So my working question generally concerns this relation in say Fermat point to Rabbi function and beyond as one may describe how a collapsed wave function returns to form or should one say formlessness and the potential for making a beginning on visualizing this relation and of visualizing randomness which otherwise is constrained as itself rather out of human mechanistic perception potential...

(the measure is a soliton- since under the circumstances we have to say after begins immediately....lossy, so there is no return per no clone...)..

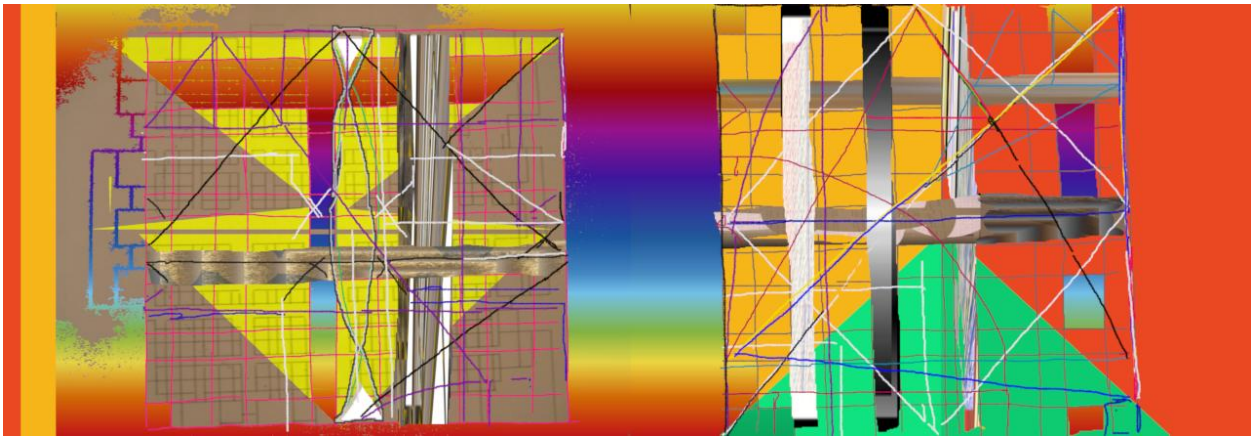




So that effectively form is returned to formlessness as phaseness...

For example per the n-body problem There is to consider a considerable variety of symmetries, the relation of randomness to chaos, the definitions on

what is gravity, and variations in potentials of identifying positions velocities and masses per the initial state as inherently problematic...and complex relations of higher to lower dimensions all within categorical suspensions as necessary...



365m4

Towards a Second Quantization Gravitational Ladder of Objects and Arrows Through the Primon Gas Rhea Mode

A Suspension Bridge Between Quantum Mechanical and Field Categorical Theory

The Rhea mode refers to Bohm – essentially the act of reviewing… i.e raising to view again…

The a-priori Duality of Spectral to automorphic or algebraic to geometric if you will posited with the Langlands project and it paradigmatic Ads.CFt mapping approach between strong and weak approaches may express the extraordinary variety of dualities populating some essential current within maths and physics (speaking of duals) of which Category theory is most likely found best advisor and

in my drawing I relate to the duality within Category Theory ie Quantum Mechanical and Topological Quantum as the local and Heisenberg oriented vs global and Schoedinger mode respectively and in their cobordism a focus or rather lensing we can find where for example the Hilbert space evolves to Higher dimensions... the most striking example of the Prion Gas or relation of Riemann zeta function to Black Hole fluctuations evoking the relation of Dedekind Numbers to Noethers contribution is approached through the drawing by the use of a Collatz operator which relates functorially towards categories of , Fermi points, Rabi Cycles, Ricci flux towards Calabi Yao, Pascal's Pyramid, Frobenius forms and Contact Geometry , powers of 'I" and the tight space

scattering between Meta surfaces, Quantum flux tubes, with Neutron stars and Blach Holes bring us to the extraordinary Primon Gas for which I also add an interesting "unknown Hermitian Operator" which turns out to be the drawings own goldens section grid and its relation thereby to the number .0156 which duals to the simplified Planck....

In order to dual those Category approaches the general structure of primes as mapping black hole fractal chaos relating to Reimann zeta function where the bridge between the first order of Hilbert cycles in the 4 dimensional realm meets the Heisenberg transformation of this as restructuring to quasinormal gain and loss non commutability in the quantum true randomness, and this local encounter then is brought to the globalization and

Schoedinger mode to higher dimensional Hilbert spaces reconvened in the now topological quantum categorical theory, the two being as duals brought to some focus in computation and relation to anionic braiding and quantum Hall effects...

The new objects and arrow the drawing introduces into the Primon Gas are as mentioned, a Collatz function. ,Exceptional points through Fermi points and Rabi Cycles relating tight scattering between meta surfaces and neutron stars and quantum flux tube collapse, and Pascal's pyramid

We Approach by symbolically Inverting the Fano Plane to Find Pascal's Pyramid as the Collatz Reduction :

As Being Square Commensurate Symmetrically Divisible and Finding a

Square in Torus Extended in a Projection Triangle to Null Horizon Defining Frobenius to Contact Symmetry Duality as Suspension Bridge via saddle back and EP functors as Monads finding the Collatz as Operator and modelling Fermi Points to Rabi process as functions.

the cosmological constant related to a fuzzy number will give you that ratio now expansive and which can be normalized, renormalized... How does this effect a Hilbert or Higher dimension Hilbert wave, a quantum flux phasing wave, a matter wave, or dark matter wave respectively ? Does this become Categorically Monoidal to only dagger Hilbert or do their strong weak and lossy duals find designated theaters?

If the Collatz conjecture seem resonant to unity commensurate as symmetrically divisible one wonders if comparing Categorical Quantum Mechanics to Topological Quantum Field theories a relation between contact geometry and Frobenius forms can place even manifolds and codimension odd forms a resonance to the square root of two as being alternately .707 or .708 by way of introducing fuzzy number monadic functors between the surreal foundation of the Categorical quantum Mechanical and the hyper real of the topological quantum field theories where Collatz transformations become operators?

for if a lesser and centered square in a square field is rotated to a diamond this will cut its diagonals to express the

square roots of two times four as the square root of 8 and this equalizing through quadrants is kind of like proper frame dragging, is the opposite of distortions, if" a " relative " bi" are like faces on the opposite sides of dice does the Riemann hypothesis state the power of I is acting on both the proper frame shall we say "not dragging as sketched before....

Rhea Mode... so to take a broad view over the whole Cascade:

If the relation at the Riemannian Zeta places a in relation to bi in a symmetry something like a and bi on opposite sides of a dice and having i distributed

over them equally within this unitary framework in which is disclosed the enclosure of the distribution of primes and an error term is of size ½ log to x then considering this halves to unity and a Noether and Dedekind kind of relation of space itself to symmetry ie between observer and observed as outlier considerations … the interest value of proceeding on a Collatz like relation between duals of Frobenoids and contact algebras and the duals of Field topographical and Quantum mechanical as they evolve monadically to relate towards say Quantum Hall effects and Fibonacci anions has a lensing in the displacement structure of Pascal’s

pyramid center to edge which applies to reading Collatz cascades and at the same time the rotation of a centrally placed square in a square field will cut the diagonals in such a way as to express the square root of two time four is the square root of 8 and graphing the quadrants in this way one can map the permutations over i, and these being the case, one wonders if taking the first million positions of known primes how might a Fourier analysis over these where such base wave in their symmetry permit ep analysis all relate to primon gas as expressing in that known equivalence to Riemann conjecture a broad collateral resonance relating from the outset of

Langlands Spectral and automorphic the Categorical relations over geometric and algebraic relations which from the two forms of Hilbert spaces , that preliminary to Macro Classical GR, displaced to the matrix or operator algebra of the Heisenberg realization over quantum flux tubes to the Higher dimensional Hilbert spaces in the dual form of then more global topological Quantum Category theory how in the interests of the merging of those categories might a wave like analysis of Primes and Primon gas evolve to view?

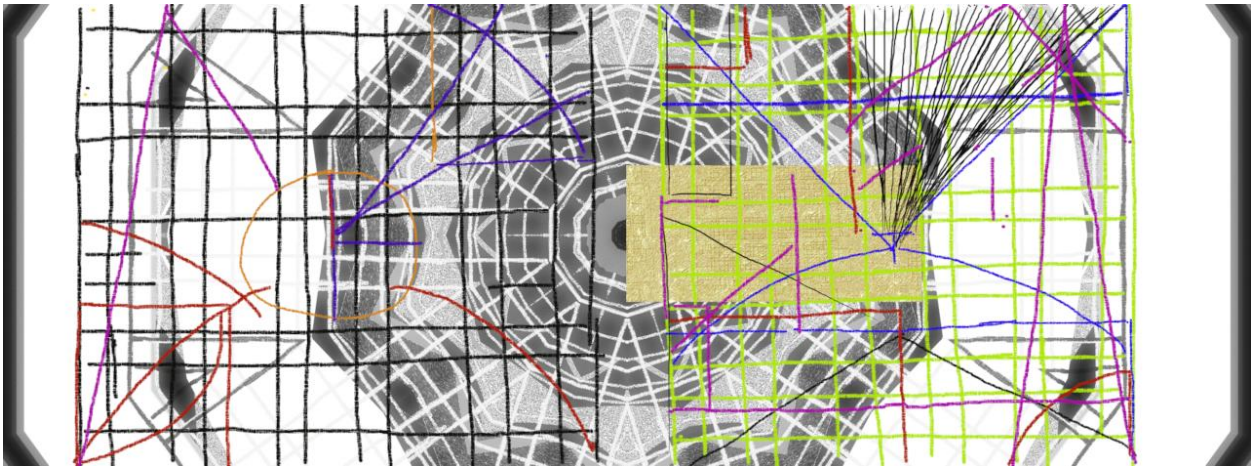
If one likewise were to try to imagine what constraints dark matter responds to given that apparently is limited to gravity... and it also may have some relation to the dispersion of cosmic media then one wonders what categorically of gravity compares to a primon gas? Studying a plasma photograph from the hadron collider ie scattering at that amplitude one looks at the scattering and drawing it is like copying a Morandi drawing ie each strand tells a cubist story, in this case the slight bulking up of strands gives infinite projection to what are collapsing regimes with clear paths described by infinit slight changes in the hight of the visual bundle or strand...one is reminded of the strangeness of the use of the word "confinement" where the strong force is exhibited at greater distance...per gluons of the gluon soup of course which here is the plasma of the drawing donation....

The drawing makes use of a plasma or Bose Einstein Condensate by staging the structure of the composition as analogical to Michelangelo's Capitoline Square siting of Marcus Aurelius statue and the pavement pattern which is a centralize coalescing spiral- gram mapping ie Rome as center of world or all paths leading to from that elevation thus a kind of early Super Collider... The Drawing Hermitian Golden Grid which subdivides surface to reduced Planck value .0156 thereby provides along with Marcus Aurelius in plan also the Unknown Hermitian which it has been suggested would be instrumental towards the Riemannian Hypothesis...as it relates the golden section as irrational and thus real number in the transpose and so in the unitary gap the drawing also sites the value per Collatz operator and an underlying Pascal's triangle like morphing of center to edge carrying that distribution by halving unity at

edges in a kind re-routing of the logic of the Gnomon...

The Gravitational Constant at .149 to metric is times three .4472 or the reciprocal of the square root of five as parent of the golden section... the drawing marks of .2112 or the half ratio of the complement of the reciprocal of the square root of three as the complement of .2112 is .788 and this the square root of .618 which we have seen gravitational constant is mathematically responsive...(as we are looking for some kind of streaming platform from the gravitational constant that relates monadically towards potential Categorical bridges)....The complement of the gravitational .149 is .851 and this squared is .7236 or in reciprocal 1.383 or unity plus the complement of the golden section module .618... and the drawing marks of .3168 as the reciprocal of pi simultaneously the square root of ten in reciprocal approx. and added square root of 11 = .618.....the value of a plasma

like condition I relate in the drawing at the .2112 division by showing the inbound tracts of .0156 per the grids demarcations from that source.



3657

Gravity Gas and Quantum Root

Things exist because there is no reason for them not to be... as existing the first order is random because there is no initial reason for some underlying symmetry but rather symmetries occur to that randomization in the Gluon gas which is lumpy or pankacky to begin with and leads to mass and phenomenon which then via non linear overtone as the combinatoric then create the theatres upon which the chaotic and determinist realms place our perceptions of norm. As this seem reasonable the order of gravity which 100 trillion billion times weaker than the strong force must be an echo of the strong force as the combinatoric of gluon color field interactions and the strong force must a localization of initial field collapses that is essentially their Einstein summation...The general log and golden section symmetries of nature then pertain to these original conditions as carrying echo forms as the combinatoric

nonlinear in something like a natural bit vocabulary... Comparing this idea to that of Primons in which the distribution of primes may be related to a quotient field how then might one best construct or what efforts have been made to relate the idea forward of a "gravity gas" The Primon gas conjecture which accurately rlates black hole entropies to the log values of The Riemannian Conjecture bring the origins via Dekekind and Dirac of prime quotient space as motivations on a combinatoric approach bring us to the also origins of considering algebraic and geometric Langlands like spectral algebras and Automorphic dual of Geo amplitudes (to be formally reconstructed in quantum terms also by Conees) thus structuring towards say the AdS/CFt relation of strong and weak structure and the relation towards bridging dualities in which Category theory relates its own duals of Heisenberg mathematical like interpretation of any Hilbert

space in operator algebras and matrix theory and then the dual from Mechanical Quantum Category theory which creates those levels of grouping and approach as in Von Neuman Algebras and then from that localized approach to meeting the phenomenal then the global in topological quantum theory where now Frobenoids in geometric construct now of Higher dimensional Hilbert spaces contrast with the previous contact algebras and their sensitivities to range.

What then would be a Gravity Gas which for example would have some relation to Dark Matter...? If one posits a non linear order prompted by photos of particle creations creating Bose Einstein Plasmoid the stringy like trails with slightly bunched hights create generative highway as in looking at a Morandi drawing where the hatches carry cubist information deep space to shallow...the idea ensues of a combinatoric of overtones where the

pitch upon resonance leaves a marker ie the degree of extension which finds a level congruent to a quotient space of various gluon field collapses and valences on their 8 fold quantum numbers per colors...in one model but which are read by dark matter only as gravity itself...there fore seemingly something beyond gluons carries a lumpy protocol...of the most originary state (to our perception though being in fact "always") stripping away all qualities to engineer backwards to formlessness...and to enter the contradiction... a lumpy formlessness is the difficult to formulate equation from as much as we know of our universe as predicated on a relation between true randomness and incidental chaos...If entanglement and superposition enable our perception on the process to date and considerably modifying the idea of process and potential...Category Theory primary enablement...what... so to speak... is the root of the quantum..hard enough as that is

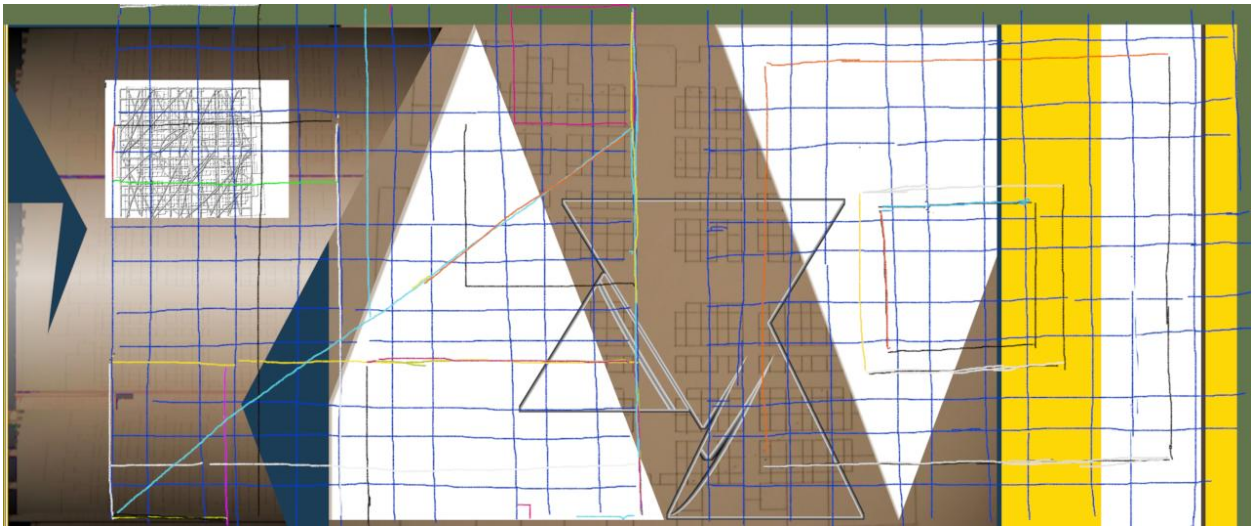
to understand?... we are used to understanding that fields are not “things”(although we can give them shape... as in lab entangling...)...the spaces then which we see as geometric cannot be non being, are distributed as sheer randomness..(to give Einstein his caveat will give that as a Categorical dual)...the connectivity of our thought process may follow the tract that just as physics has become the highest art form, by turning to the lower art form of Art itself this root may show us how our minds are natural in some way to the dilemma...It may well serve as a graphic Category theory...In my drawing the vector like connections of the human glance as scanning and the the geometric bit like constraints on the evolving track serve as the toy model. Lumpiness seems to be the differentiation and variation on any kernels which infinitely vary it but give it a pitch constantly reconsidered to its own resonance, gravity, is the weakest echo of

the process... but that weakness may reside in the smallness of locality or the thinness of emerging globality as it stretches, and in between you find such things as the Einstein metric...

So to summarize... in order to imagine gravity gas one starts with Connes Spectral Quantum Geometry to be sure but also with Physics as Art in the dual broaching context of Art itself as fundamentally Category theory where the relation between the social contract and Standard Model is highly diagrammatic...

In terms of the drawing then rectilinear proportions have two edges color and two in black and white so that this clearly distinguishes the diagonal, and the diagonal then is the essential of proportion and of spin (log values build on the diagonal as symmetry into which can be encoded variation of sub ratios creating the kernel)...the forms as they condense can also be brought back to the larger surface in the

normalization... the variety of forms however can also be projected, and it is this aspect which closer to gravitational gas as these tensors so to speak span and summing over them becomes the gravitational gas... the drawing then contrasts this edge out motion to a centralization of the core, which then symbolizes gravitational localizations...



36507

Categorical Drawing Theory :Gravity Gas Graphos

The Greek graphos “I write, I draw” lends ear to the Langland Automorphic credo of algebraic and geometric structure in which this drawing sketches out ways to adapt via modified general approaches Conne’s quantum geometry by advancing the more Categorical Theory approach…

The bridges for Categorical theory would be the loop quantum foam approach he is associated with as “no-color” (where the color of quantum color dynamics is of course

an abstraction of spin) and the ability of string theory to synch with the idea of color in its own way, The existing bridge in AdS/CFT which morphs into Celestial Holography and Primon Gas type analysis extending the range of density in considering the World Sheet as then highly refined... all in all relations over surreal and hyper real ie finite and infinite realization over the local and global analytic between such as contact geometries and Frobenoids, von Neumann Algebras and Calabai Yao... the overall equation simply Chaos/Randomness... ie the Hilbert

and higher dimension Hilbert spaces Categorically created bridges between Schrodinger and Heisenberg to begin with...

The Connes approach entertainingly relates a Hilbert space, an Algebra and a Dirac Operator ie a link to prime number analysis as Connes relates to Reimann Zeta function and thus Primon Gas(leading to my follow up towards a Gravity Gas)

My Initial project of relating pi to the golden section as analyzed to all of the physics particles and all of the finite exceptional Prime Sporadic Groups as "Monstrous Moonshine), a

Categorical Bridge, to which I give additional structure through relating the golden section grid I use as generating an even surface commensurate for geometric reasons with the simplified Planck .0156 itself the reciprocal of 64 the perfect square and 8 fold resource…thus giving over essentially the "unknown Hermitian" which substantiates the Riemann Hypothesis…because the square root of two can be related as .707 or .708 the latter a derivative of the goldens section as three times the third turn of the spiral…the odd and even allow a review of advances

in the nature of a Collatz function and that to a distributive quality analogous to Pascal's pyramid... in the drawing then I link the square root of two times four the square root of 8 as turning on a centrally placed square in square field with a diamond rotation which then reflects in all quadrants and relates them to exponential i ...i^4... by drawing rectangular division ratios with two sides in color and two in black and white I can give the implicate diagonal... while also using equilateral triangles to structure EP and Fourier analysis... the graphic

mode also allows me subtract areas as though in print like wood cut removal and this allow a graphic abstraction towards signing the surface...while also a dry point like line can be constructed to relate the general relation of the warmer or fuzzier quality to the distinction between cold string branes evolving at Planck scale to thermal strings... the structure then of harmonic scales which find the golden section log or the Prime log, as natures “bits” their projection space outside of the confined pre space or kernel then give a tonal extension of overtones

themselves become a non linear combinatoric then expressing where normalized to locality the idea of a gravity gas and related to primon gas... the drawings categorical approach also relates jets or bundles constructed from corners which likewise may gnomon like square , or evenly divided, or else in asymmetric conformal mode, or completely independent function...It is also possible from online sources to get genuinely random quantum computer generated numbers, and then give them a golden section analysis as collapsing the wave so to

speak... or else independently generate a pseudo random clause...

The idea of a circle subtended by an apeirogon as a graph can perhaps be related as a scheme of critical dimensioning via Ramanujan's summation e.g. 1+2+3+4=-12 where the radius of a circle in relation to the root of a square compares their different frames of reference, thus the circle is space time like introducing a modification whereas the square as orthonormal can be re normalized explicitly by simple ratio or condition at...(a horizon)...the Proper frame, and these as relating

to world sheets meet the corrections made on the string radius as it enters the thermal bath of the Planck regime...thus the variety of string throats and incidence as transitioned from all variety to summation would seem to be the circle to apeirogon degrees of freedom become in the cancellation “gravity”. .. or gravity gas? Consulting pi as 3.1416 the value of .1416 times seven is seven, the ratio is functioning to relate the square root of seven to a core of three as second prime following two...the number .81 then in reciprocal as 1..2345679 taken as

1.234567 gives a corollary and ordinal tract...as 1plus 1/-12 which is the interference pattern of circle divisions and quadrant divisions compared in the Riemann zeta?

https://archive.org/details/echinus-2
Harmonics of Pi and Monstrous Moonshine Loops of Maths and Physics....

https://archive.org/details/ds-2-from-the-zen-of-ingres-to-the-nets-of-physics

https://archive.org/details/gravity-wells-and-quantum-peers-of-time

https://archive.org/details/category-theory-drawings-review

365p10

Pi Horizon for Super Translation of Celestial Sphere Categorically Fielding the Duomo

In this drawing looking over the group of pi terms from initial to the famous 4999999 series I use a group of the initial six strings brought to the decimal horizon and retaining the integer 3 as the value thus a kind of qubit rotation... these as values find golden section tensor regimes I will describe and these may be considered as a series of "super translators in the Celestial Holographic Sphere regime as a kind of sharpened focus on a world sheet... and to give the mundane world momentum the Duomo as a kind of mind palace is given a kind of approximation toward using these

as structural shells something in the manner of which the Duomo composed that dome, using orthogonally diametric walls from corners to prepare a shelf like initial layering of the walls to cascade the shelf to the Shell... something like a nonlinear polynomial expression linking pi and gamma over the expansion of the faithful representation the relation of pi to the golden section give the golden section a bit like function for storing information in the unitary mode it presents ie module to square recursively and thus the square any combination to unity thus a truly infinite and quantum like quality.... 3.1416 notes that .1416 times seven where the square root of seven as 2.645 divided by ten .264 times 4 is 1.056 or ten times the interval between the reciprocal of the square root of

five twice in a square. Next: 3.5926=3.5927 where .5927 times is 1.118 and doubled = square root of five parent of golden section : the sequence 3.6535 shows .65 complement of .35 and .65 in reciprocal 1.5393 where .5393 in reciprocal is 1.854 or three times the golden section module...3.6535 to negative is 1.91 or ten times .191 = five times .382 which is the complement of the golden section module

... next we can stage 3.8974 where .8979 to third =.7236=1.382 in reciprocal = unity plus the complement of the golden section module .618...and3.8974 in reciprocal is .2565 times six is 1.5393 unity plus .5393 as in reciprocal 1.854 or three times the golden section and .1.5393 as .606 is six times .101 as the reciprocal of pi squared times six and times seven is the square root of two...

pursuant next we find 3.3238 in reciprocal approx. 3.09 or ten times .309 and five times .618 the golden section module...the sixth item is 3.4626 where .4626 times three is 1.388 and .388= 2.578 where .578 is the square root of three 3.4626 = .288 which times two is approx. .568 ...

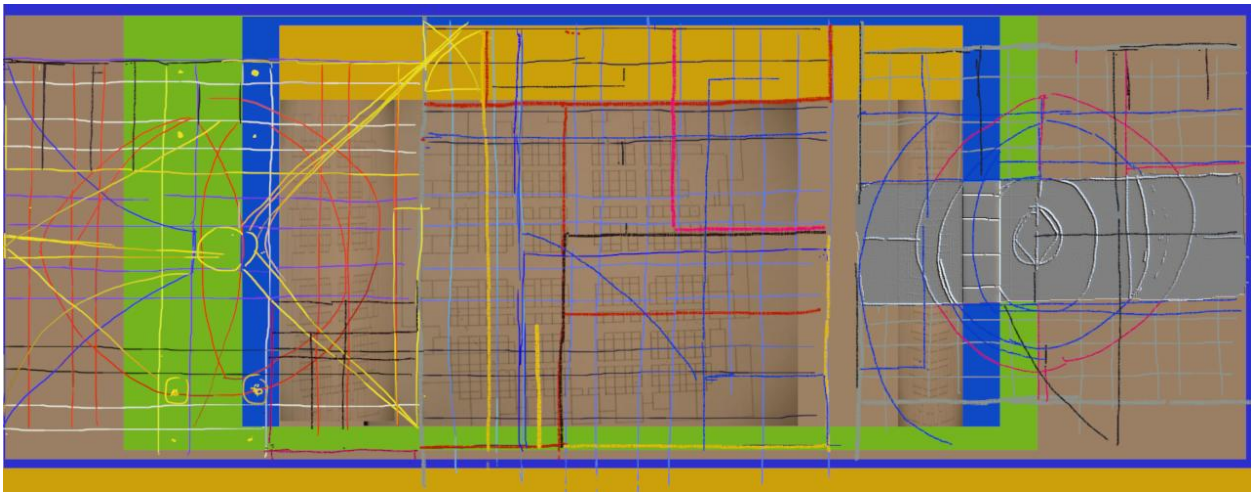
The Standard Model as Quantum Chromo-Dynamics is encircled by several fields of critical endeavor. That colors represent an abstraction of spin as influenced by three dimensions and as influenced by four brings us in the latter case to Einstein Spin Groups and moniker 'spin foam"... The low energy of the vacuum is recognized to process...and distribution particles generating fields in a Maxwell like dynamic different in respects from the idea of quantum fields as the

substrate they are in the QCD /SM. With Heisenberg and operator algebras, contact operators the Schrodinger model in GR consideration of Hilbert Spaces is displaced or rather reinterpreted to different degrees of freedom via the introduction of true randomness over the previous probability regime mechanistic to GR and quantum field mechanics. With Conne's Quantum algebra there is then no color and in a sense no space as pre-existing but rather like the artists sculptural no-space it is generated, the difference also essentially between Medieval object or icon generated space as opposed to Renaissance perspective substrate... since scientific perspective was actually generated by the architect Brunelleschi in this drawing I mentioned giving a proposal of how he might have

built the Duomo on shelf like shells ...by relating how a unitary field carries the diagonal of square root of two (it's hypotenuse as diameter/radius to its circle and the square root of two by a diamond rotation of any center placed square in field finds square root of two times 4 or the quadrant intercept are the square root of 8 and then the relations ensue relating pi to four generations which link to the golden section as a structural building process...and a corresponding group of cyclically linked numerical fields in those flavors... more on this later...

In the case then of String theory the substrate is that of Harmonic oscillations, whereas the quantum fields of the Standard Model read gluon field excitations in a language of that spin generated by

dimensional interaction with that lumpiness feature which in other paradigms used the more geometric grouping principle per se in the no-space regime and Randomness/Chaos link if not equation...

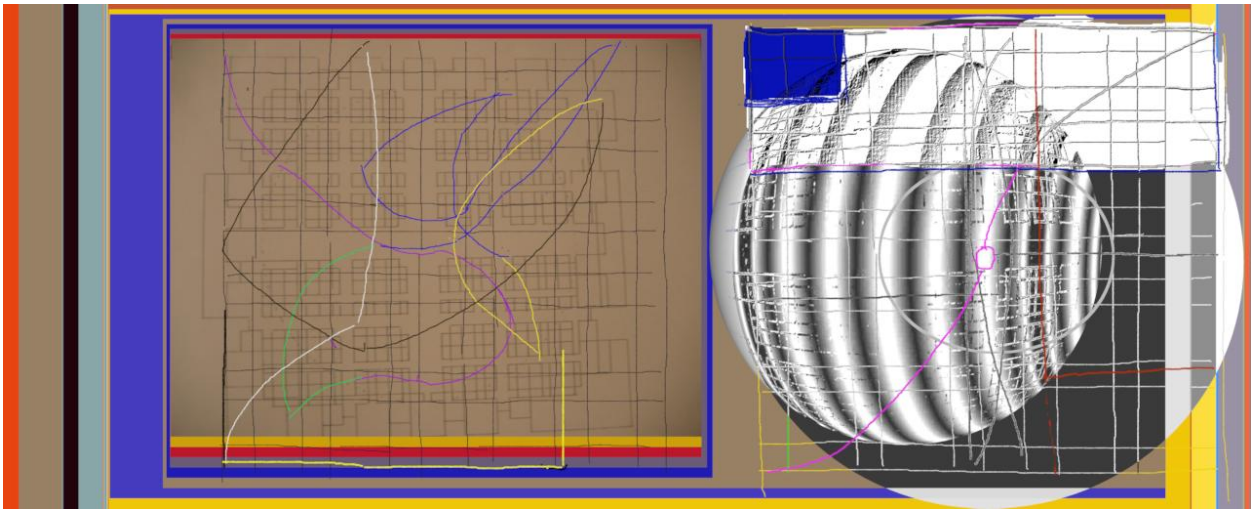


365q5

Twisted Poles Harmonic Scheme

In this drawing 47 golden section pressure points or characteristic proportional point space arrival are given a random walk towards the consideration that if poles are considered as top and bottom rotating in opposite directions this would have an interesting effect on the idea of the axis of a qubit and the corkscrewing of space time along the way,... those proportions are .2112, .2764,.2997,.3168,.7854,.1828,.466, .65,.518,.5393,.578,.606,.3679,.127,.309, .64m,.333, .112,.3787,.4086,.2146,.6584,.528 .707

.015,, .6226 and summing over these then the right hand panel takes the sum 10.72 (small color circle in center) the drawing plays with that value where .72 in reciprocal is 1.388 NS .388 =2.57in reciprocal where .578 is square root of three and the 10.72 value in reciprocal is .0932 which to neg third is .5528 or complement of the reciprocal of the square root of five...



365s1

From Photons as Stars on the EM/Atomic Color Gravity Gas : Through Adapted Casimir Monoids

: Topological Flow Through the Yang Mills Existence and Mass Gap Problem

Beginning by considering of Casimir plates the relation there to electromagnetic perturbation wave length prompting of the wave length confinement even the coaxing of photons from vacua much as for example elevating the plates to near speed of light would do the same (here then the gas of color charge and electromagnetism birth the photon like a star in that gas so to speak) ...experiments have been conducted

then to create hypersurfaces which recondition the mirroring towards a receptivity to relating to the gluon structural interfacings...one turns to the fact that color confinement is theoretical and the Millenial Prize Yang Mills Existance and Mass Gap Problem remains unsolved: Against this background then the thought occurs: if starting from the premise of human measure collapses the quantum wave which extensively studied in terms of Maxwell electrodynamics has posed the duality of the electromagnetic structure as the paradigm of successive duals in the various theories forward and along with Maxwell...as quantum mechanics, guage theory, Connes Spectral, String

and Quantum Topological all propose generating and storing mechanism and each transforming Schroedinger in their own way.. yet also human measure is not alone for every physical encounter of fields, momentums, objects, subject the callapse thus to a semi-continuity one might say..could one transpose ones perception to view the collapse of entanglement as the loop of determinative in process, and this loop one might compare to a Maxwell diagram as fundamental, of which a circle is its deformation on the one hand but the loop is also a mirror, and as such a self correcting lense such that studying forward in the spirit of “caustic counting, the various reversals are in

and of themselves entangled with time itself... in which case we speak more properly of a density of time we encounter in contemplating collapse and non-collapse...wave and non-wave and propose therefore a gravity gas where momentum is not that of following spatial curvature on the quantum level but that rather gravity as we refer to it is extra information at the Yang Mills gauge levels where higher dimensional information collapses but leaves slight traces which inform the physics of very near surfaces...

storing information and Maxell's magnetic dipoles as essentially

Exceptional points storing in that immersive state thus also the submersive or seperable structured current give the model of generation and storage across theories which may generate field from geometry or geometry from fields or create higher dimensional thresholds which return extra information relating to potential amplitudes...while the Higgs and string relation to transposals within vacua model the beginnings of a kind of spectral to automorphic duality which becomes the nature of a process overview dynamic as Category theory...at the same time this schematic success at the point of returning to the pure quantum strangeness are arriving

not at some conundrum of physics but on the contrary there is a real Renaissance going on in the desire to understand what one cannot understand…the great gift of the quantum is that over the success story of the Maxwell mode remains a mystery of re-examing how we think, highly provoked as well by the daily AI adventurism…

Bohm's Implicate whole might be reviewed to a correspondence between curvature in quantum loop "intertwiners which over non trivial local correlations create from small quantum flux local calculus curvature as space time on that scale via the interaction with Higgs

giving small mass as motivating... If over a Brownian motion these propagate the curvature gravity follows the per the Riemann hypothesis, may one say all possible bases in likewise non linear order sorting to the tenth part of unity halved sorting to that final simplification are then a dual between these ideas?

If the mirror were modified to affect the gluon content of the vacuum gas of both EM and Color Charge elements then also, just as photons seem the stars of this gas also the gluon content might in this new Casimimir create mathematical view on the quantum wave perspective one has...the Casimir

Plate effect highlights a definition of Quantum waves in the EM spectrum, but as this vacuum is a gas of both EM and Quantum Color of which photon seem the stars on this gas what proposals have been made to reconvene the mirror aspect of the plates to mirror quark structure ie through various loops... and considering then loops as in this case an alternative to the curve of standard relativity calculus redefine this as leading into braided Monoidal categories as the pseudo geometry of the pseudo particle regime or gas?

If a Casimir like structuring studying both electromagnetic and atomic scaling

to resonance to vacuum are taken as the gas of those might the generation and storage of amplitudes measured as energy in the EM in the finite or mathematically "surreal “mathematics compared then to the infinite quantum randomness in that chaos/randomnsess equation might the measures made by reality itself in the phenomena of collisions and fields as self measure be in those varieties a collapsing and reinventing of the ongoing potential recreating entanglement where gravity records the ever presence of these constant breakings as a moment of continuous tangent whereas possibly no-gravity in the quantum or rather a gravity not of attraction and resonance

and amplitude but rather infinite depth and infinite variety out of which the very low energy has simply been localized in gravity worlds and these at cosmic death via expansion might leave black holes in clump inertia as white hole manifest to dark matter which on its own might either disperse or become part of those fluctuations in the hyper mathematics (studied to hyper plates in a sense) which reconvene the GR space parsed to spin networks parsed to guage and spectral analytic parsed to vacua identification to Higgs and String AdSCFT over the fundamental Langlands over surreal and hyper real mathematics as then this gravity gas develop in possible cycles or sheer randomness?

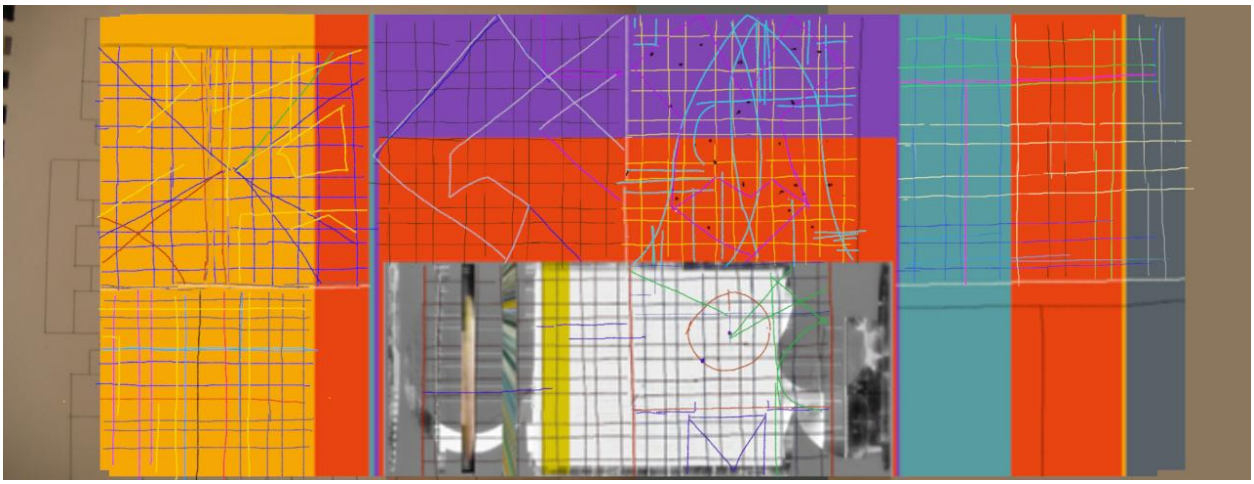
As the quantum harmonic oscillator adapts to first and second quantization and Connes Spectral gives a lensing, that lensing considered in terms of the fact the Casimir effect can also be lensed, place in a spherical context relating to atomic charge now as opposed to previous EM(and Maxwellian cascade of dual structure through action and storage per Hamiltonians rotation and system energy) the color charge and EM gas as (photons as stars!) it were then suggests chains of phenomenals as measures and collapse initiating gravity per se while the quantum more of an extension in

time or non gravity over which dissipation and white hole to black hole lumpiness seed the vacuum at cosmic death...so in th end apparently I agree with Penrose even though Big Bounce was my least favorite idea...

New Double Charm Quark

it's mass @ 3619.97 to metric in reciprocal .0002764 naively normed to 3.2764 show .2764 in reciprocal 3.618 ie three x unity plus golden section modul while .3618 is 2.764 where .764 in reciprocal is 1.309 where .309 times 2= .618... it would be interesting to study this charge in a hyper plate monoidal structure of the Casimir plate comparing then atomic charge to EM as a gas of

which the EM is approximately force of 1 atmosphere...



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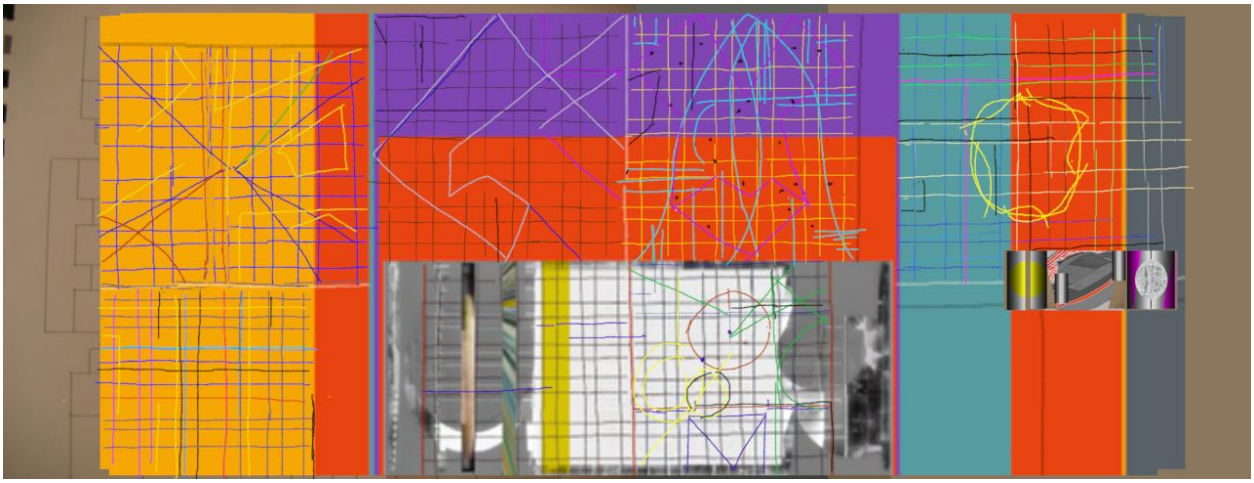


Architectures of the Einstein Neighborhoods &

Categorical Drawing Theory of Gravity

Gas and Color Flash Lock

As an exercise for his student's Einstein borrowed the idea of architects bubble diagrams tracing pedestrian foot traffic and gave a list of personalities and predilections to accordingly design into the spatial routes or the determinants as mathematics terms it... Architects embrace the phases of local architectures as a history that expands towards the horizon with natural elements in the marking intervals... and in a categorical survey of sorts one sees the determinants which bubble under

the Einstein gambit (in his chess game at Princeton with Heisenberg the former had a good sense of the board whereas the latter was more spur of the moment… the moments one might say trace to Einstein categorically are then the theatres of thought experiments such as The Slit Screen, Turing Machine and Russel's Paradox, Bells Theorem as the evoke , inclusion , exclusion, irreducibility , conditions of reality and "up to an isomorphism principle taken up then by Maxwell and his principle then parsed in varieties by Schoedinger also then over first and second quantization Langlands spectral - automorphic re-oriented by Connes and in AdS/CFT principles of general and

special linear projection meet also (from degrees as well of noncommutativity evolving over Division Algebras adjustments and extra information from higher dimensions and nonlinear categorical inputs towards such as Celestial Horizons, Mond, DES etc...

Accordingly one sees multiple symmetries parse and disperse over single approaches, approaches such as GR, First Quantization, Second Quantization, AdS/CFT, Connes Quantum Geometry, String theory...

The Drawing involves organizing these viewpoints through an emerging aesthetic from originary Theatres of

Thought Experiment to Gauge Entanglement from Initial Galaxy conditions in relation to a universality in mathematics and the assimilation of the Drawing.

The drawing uses a golden section Hermitian Grid in which the value of the reduced Plank .0156 is also the value which covers the square field in denomination of goldens section derivatives with also that combinatorial substrate... this means that a s placed center and circular areas or rectangles as normalizations of derivatives placed, these can be filled by the Plank value in the square filling mode where the circle filled at radius implies the continuity to

the square and this leads to a Riemann connection which is shared over the Langlands and AdSCFT with Connors and Dedekind... thus in relating consecutive neighborhoods of expansion of circle the original packet at ration gives the source to gauge the Planck and this implies the charge of the particle is so to speak the nature of the wave... a timi like function then traced shows this inner to outer edge gambit as a gravity principle of attraction....this generalizes to a Di Morgan valence principle that ratios crossing midline or short of midline give that "gap" as the essential scattering mode over which those crossings relative gain loss non

commutativity relate to caustic counting and knots and tangle theory...

As symmetry seems to relate in some way viewer to observable The multiple states and conditions of thought experience which can relate to being combined within physical processes as in as bilateral, log-canonical, Harmonic canonical, Basis vector progressions in ideals, a fuzzy category of hom sets, complex plane diversion between odd and even, progress through division Algebras, Inverse square Law, Inverses, Reciprocals complements, DiMorgean Valence, Caustic Counting through crossings, Matrix, Saddleback Points, Diabolical Points, Exceptional points,

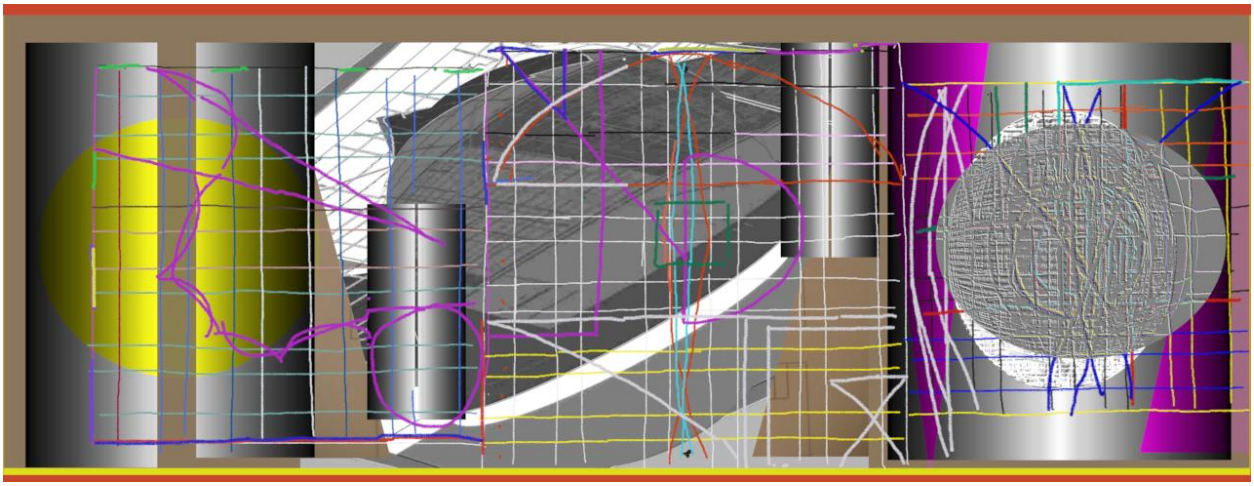
Precession etc.. and so all in-all the relation of a wave to the tensile point seems to carry these relations of Categorical summation as the inflection of the point...

The organizations initial reference points are categorical theatres of Thought experiment back from the status of proposing at outset that in addition to current ideas that Dark Magnetic Energy relating to initial galaxy conditions and color flash lock or over riding by color gauge the general Mon proposal is fully enabled and in my view arrives to a kind of gravity gas one might relate through the Casimir effect adapted to atomic color guage via a

lensing in the form of hyper plates and so this lensing shows “under the curve” so to speak what may now be reviewed towards a kind of Category theory the process re-imagines in that Rhea mode… where with the automorphic and spectral there becomes that introspection… Mon and DES projections we can situate towards composing in theory a kind of gravity gas… a principle transcending via mobius counterpoints in considering exotic functions

Regarding the afine plane at cosmic death now populated by orange, will plasma like conditions relax Deby screening towards color charge and in

this case would a color flash lock influence a state of transpositions between those fields in an unpredictable array?



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